

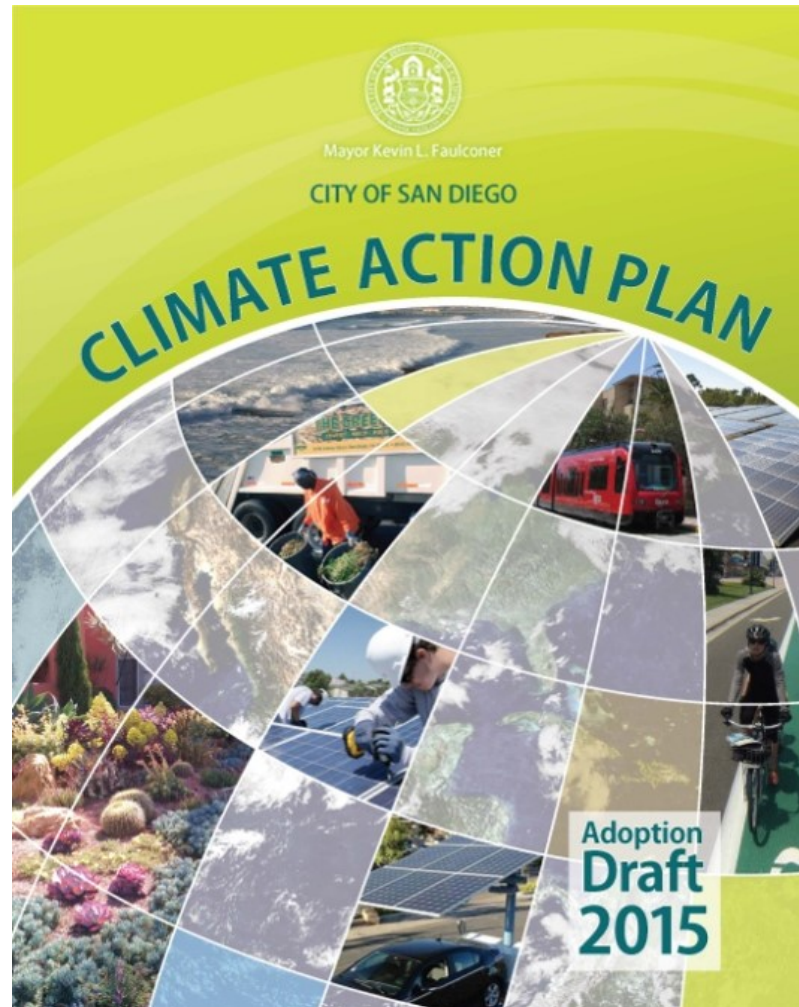
# Smart and Beautiful: Climate Action in San Diego

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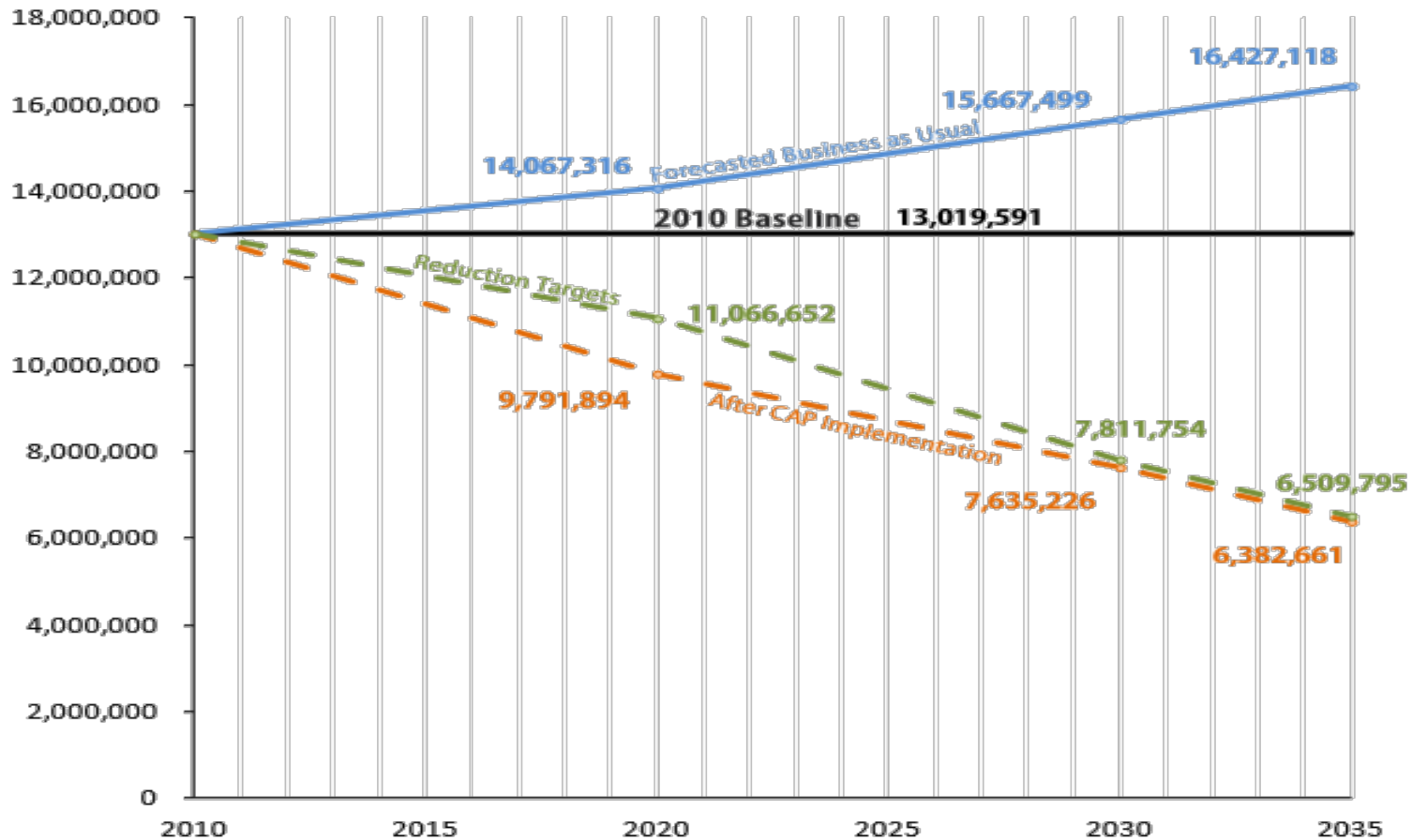


# Ambitious new plan





# Greenhouse gas emissions projected and targets







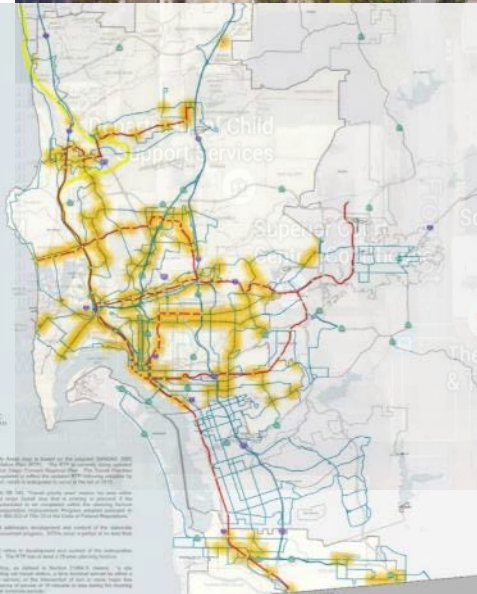
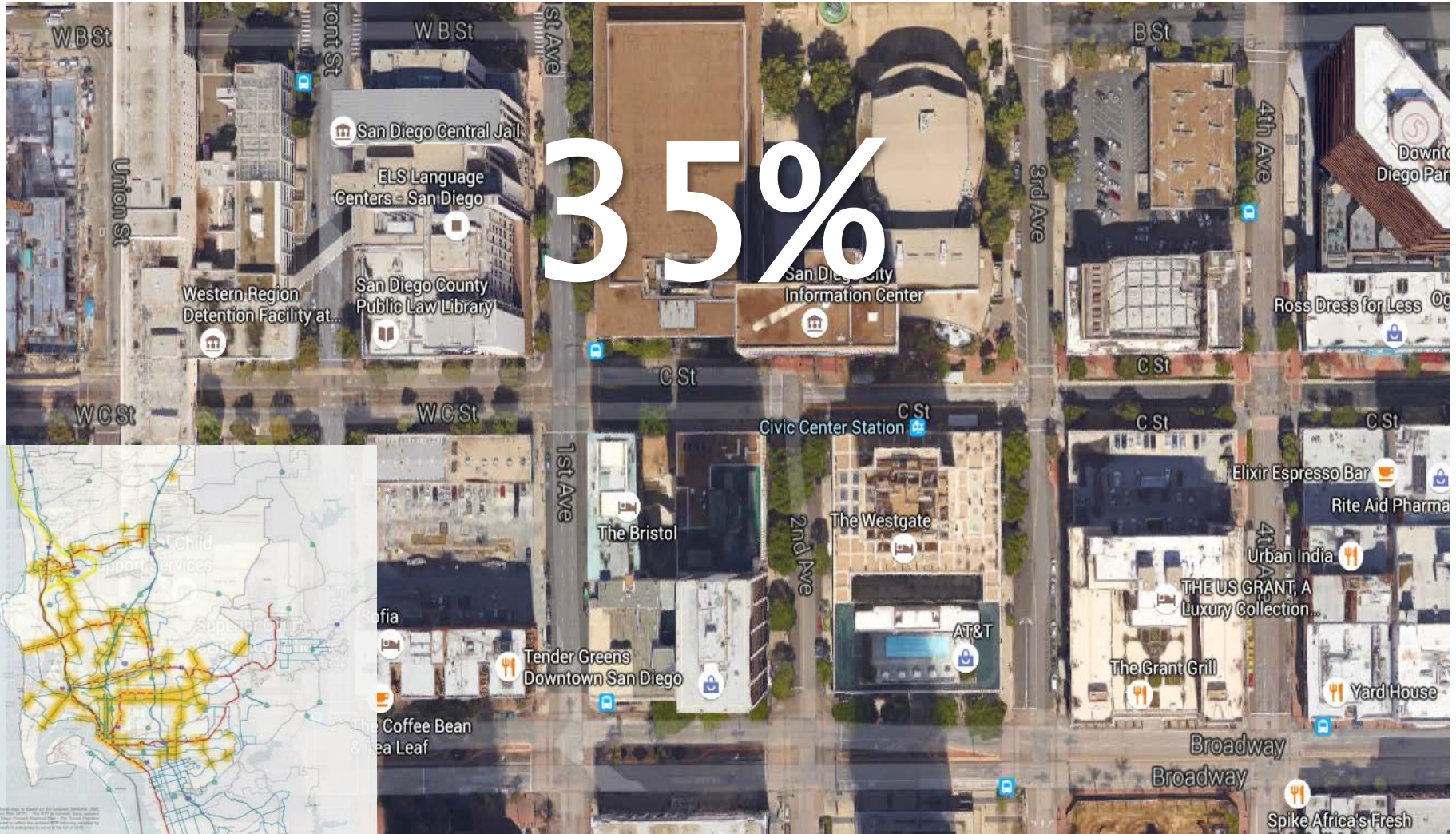
50%



**ZERO waste**



# Energy & Water Efficiency



...And create a separate  
Climate Resilience Plan...

**“In theory there’s no difference between theory and practice; in practice there is.”**

**– Yogi Berra (or possibly a computer scientist)**



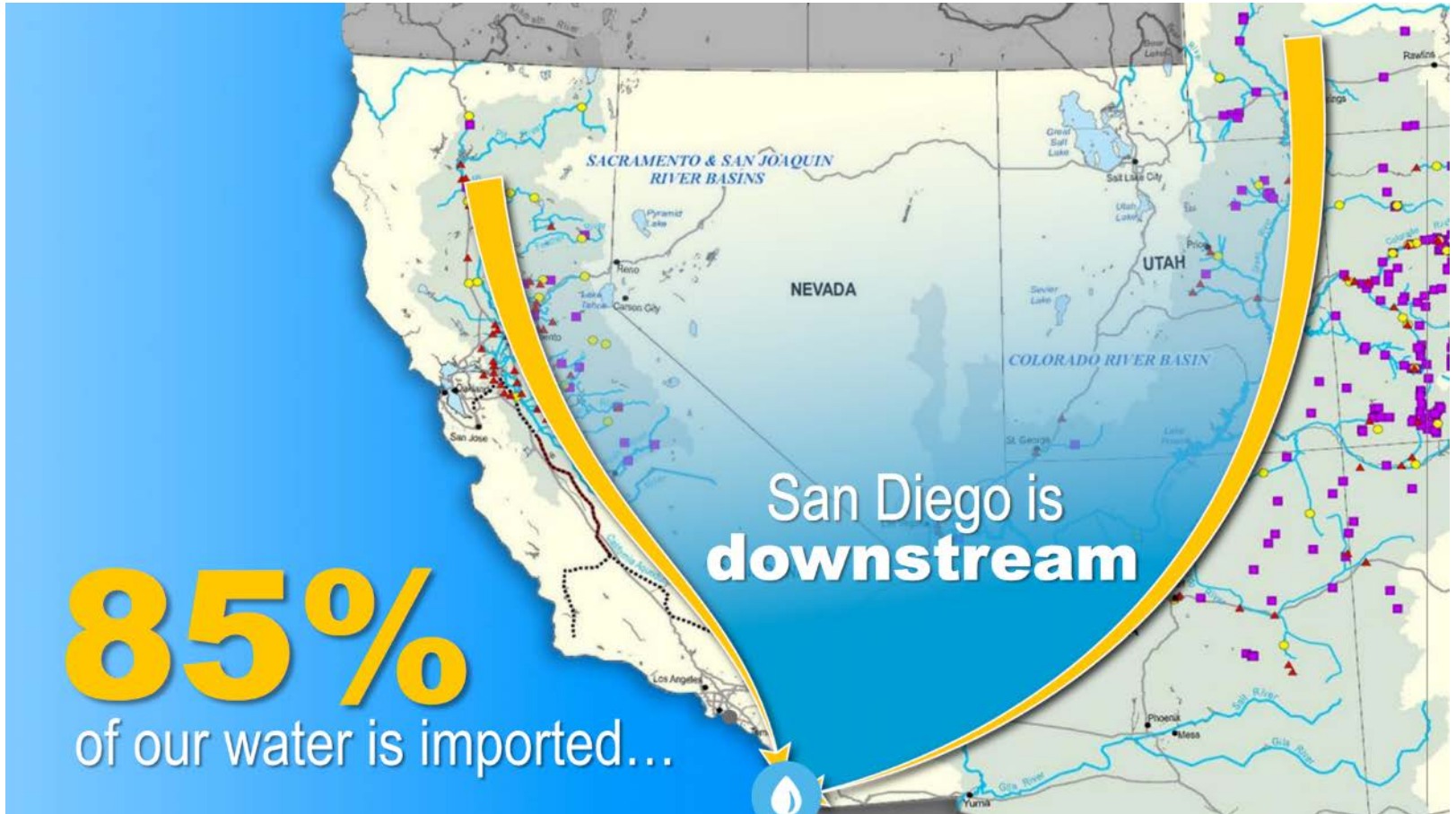


# FY17 Budget and Implementation

CAP Strategy	FY17 Proposed CAP Budget**		
	CAP-Direct	CAP-Indirect	Total
1. Energy & Water Efficient Buildings	\$2,463,349	\$0	\$2,463,349
2. Clean & Renewable Energy	\$7,167,298	\$0	\$7,167,298
3. Bicycling, Walking, Transit & Land Use	\$19,050,032	\$12,722,500	\$31,772,532
4. Zero Waste	\$2,200,089	\$250,000	\$2,450,089
5. Climate Resiliency	\$1,721,200	\$81,621,399	\$83,342,599
Overarching CAP Implementation	\$105,936	\$0	\$105,936
<b>Grand Total</b>	<b>\$32,707,904</b>	<b>\$94,593,899</b>	<b>\$127,301,803</b>

\*\* Funding amounts are estimates of new funding based on the FY17 Proposed Budget.

# Pure Water



## Coastal Flooding and Sea Level Rise

Rising tides, combined with intense coastal storms, have the potential to damage and harm businesses, residents, and infrastructure along San Diego's coast. Planning for increased flooding and inundation, coastal erosion, changes in sediment movement, and saltwater intrusion can better prepare our coastal communities and infrastructure for major storm events and make them more resilient.

The Climate Collaborative is working closely with local jurisdictions and public agencies to enhance and coordinate coastal resilience activities in the region.

Learn about these various activities below at our new [Greater San Diego Resilient Coastlines Project](#) website:



# Regional Economic Resilience

## Potential productivity and financial costs by 2050:



**65,000 production hours**  
estimated lost in  
heat-exposed industries



**17% increase**  
in expected annualized  
additional spending by  
the region's commercial  
sector on electricity due to  
increased A/C usage over  
the next two decades



**\$4.8 - 9.4 million**  
in additional employee  
medical costs per year  
due to extreme heat

# Water for Industry Concept

## Beer Brewing

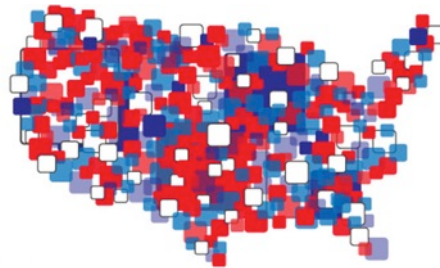


B-2 Correctly size Cold Liquor Tank to fully recover cold water used to chill the wort at the end of the brewing process, so that this water can be used to make-up the subsequent brew. The system shall use automated controls and the heat exchanger shall be properly maintained to ensure maximized efficiency (savings = 7 gallons/barrel, or 23%)

“Restore science to its rightful place...”

– President Obama

MetroLab  
Network



ENVISION: AMERICA™

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HACKATHON

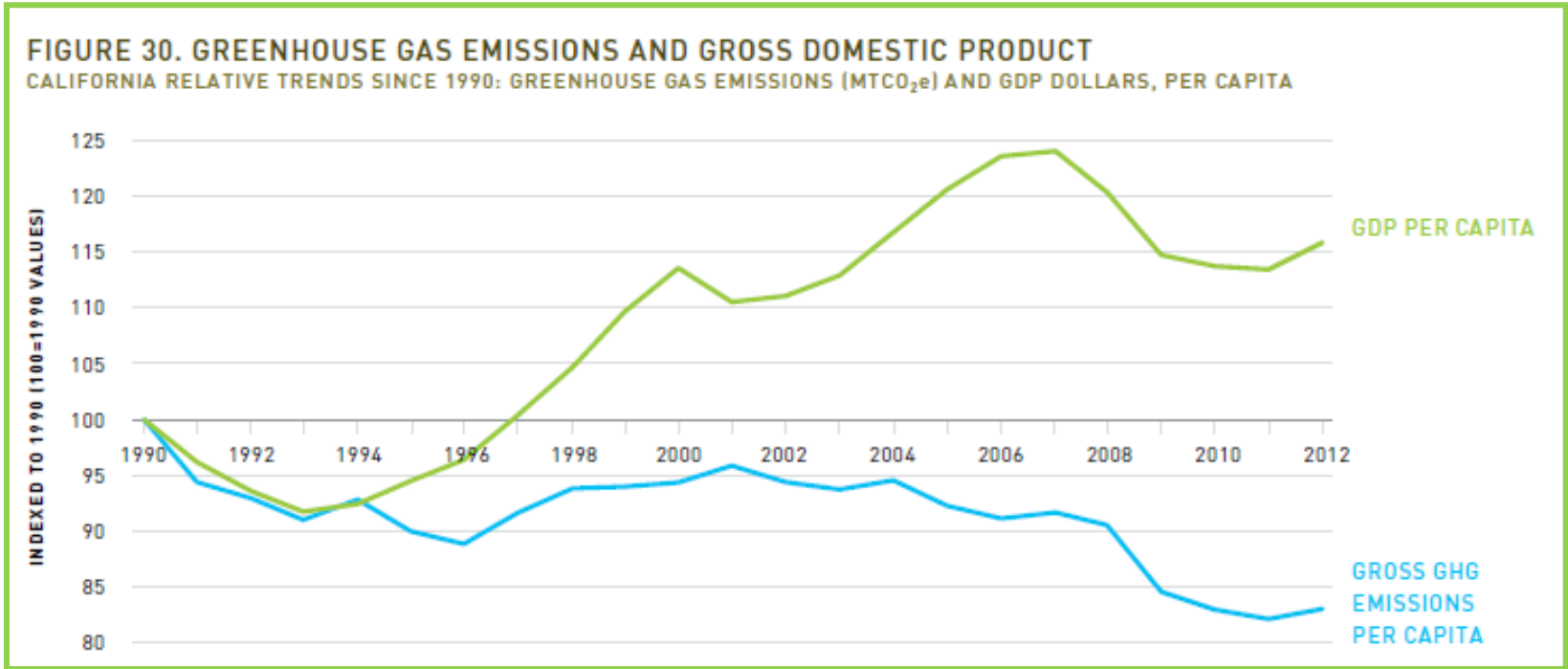
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[www.sandiego.gov/sustainability](http://www.sandiego.gov/sustainability)

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GDP ↑ 16%

GHG Emissions ↓ 17%

